

**XP-002277044**

**AN - 1982-88806E [42]**

**A - [001] 013 04- 040 06- 09- 230 231 24- 240 252 256 398 512 52& 525 54&  
55& 57- 597 600 62- 645**

**CPY - YAMA-I**

**DC - A96 B04 B07**

**DR - 1835-U**

**FS - CPI**

**IC - A61K9/10 ; A61K37/64**

**KS - 0044 0218 0231 1986 2001 2509 2559 2672 2675 2766 3198 3201 3252**

**MC - A03-A04A A10-E21 A12-V01 B04-B04F B04-C02 B12-E08**

**M1 - [01] H5 H521 H8 J0 J011 J1 J171 M280 M311 M321 M342 M381 M391 M423**

**M431 M630 M782 M903 M910 P738 R024 R052 V0 V713**

**- [02] H4 H401 H481 H5 H521 H8 M280 M313 M321 M331 M342 M383 M391 M423**

**M431 M782 M903 P738 R024 R052 V713**

**- [03] M423 M431 M782 M903 P738 R024 R052 V803 V814**

**PA - (YAMA-I) YAMAZAKI T**

**PN - JP57145817 A 19820909 DW198242 004pp**

**PR - JP19810030555 19810305**

**XIC - A61K-009/10 ; A61K-037/64**

**AB - J57145817 Drugs for treatment of peptic ulcer in a colloidal soln.**

**form comprise aprotinin, hydroxypropylcellulose (HPC) and  
carboxymethylcellulose sodium (CMCNa), and opt. gelatin.**

**- Cpd. inhibit the action of challenging factor (autodigestion by  
digestive juice) and increase the power of defensive factor to recover  
balance of the living body. Aprotinin, a proteolytic enzyme inhibitor,  
is difficult to retain in the digestive organ as it is readily  
soluble in water. Aprotinin is now in the colloidal solution and  
released slowly and continuously to inhibit the action of enzymes  
(pepsin, trypsin, chymotrypsin, etc.). Gelatin absorbs the blood  
bleeding at the ulcer portion, accelerates pptn. of fibrin to enhance  
coagulation of the blood, and prevents the bleeding. The drugs are  
partic. effective to hemorrhagic ulcer, accordingly. The colloid soln.  
protects the ulcer part with formation of coat on the gastric wall,  
and the gastric juice is kept at pH 4-5 reversibly with the buffering  
action of CMCNa.**

**AW - CARBOXYMETHYL CELLULOSE CARBOXY METHYLCELLULOSE**

**AKW - CARBOXYMETHYL CELLULOSE CARBOXY METHYLCELLULOSE**

**IW - PHARMACEUTICAL TREAT PEPTIC ULCER COLLOID SOLUTION COMPRISE APROTININ  
HYDROXYPROPYL CELLULOSE SODIUM CMC OPTION GELATIN**

**IKW - PHARMACEUTICAL TREAT PEPTIC ULCER COLLOID SOLUTION COMPRISE APROTININ  
HYDROXYPROPYL CELLULOSE SODIUM CMC OPTION GELATIN**

**NC - 001**

**OPD - 1981-03-05**

**ORD - 1982-09-09**

**PAW - (YAMA-I) YAMAZAKI T**

**TI - Pharmaceutical for treatment of peptic ulcer in colloidal soln. -  
comprise aprotinin, hydroxypropyl-cellulose and sodium CMC opt. with  
gelatin**